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PHOTOGRAPHIC INTERPRETATION REPORT



BLACK SHIELD MISSION BX6709

19 JULY 1967

EDD _____
PH _____
RF _____
KB *W* _____
DB _____
AF _____
NM _____
DJ _____

NPIC/R-134/67

JULY 1967

GROUP 1 EXCLUDED FROM
AUTOMATIC DOWNGRADING
AND DECLASSIFICATION

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W A R N I N G

This document contains information affecting the national defense of the United States, within the meaning of Title 18, sections 793 and 794, of the U.S. Code, as amended. Its transmission or revelation of its contents to or receipt by an unauthorized person is prohibited by law.

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BLACK SHIELD MSN BX6709, 19 JUL 67

R-134/67

PREFACE

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS ON BLACK SHIELD MISSION BX6709, 19 JULY 1967.

THE HEADER LINE FOR EACH TARGET, READING FROM LEFT TO RIGHT, CONTAINS THE TARGET NAME, COUNTRY CODE, GEOGRAPHIC COORDINATES, AND COMOR NUMBER.

PHOTO REFERENCE DATA INCLUDES FRAME NUMBERS AND SYMBOLS DENOTING LIMITING CONDITIONS, PHOTO INTERPRETABILITY, TARGET COVERAGE AND MODE.

SYMBOLS USED TO INDICATE CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON PHOTOGRAPHY ARE AS FOLLOWS -- C (CLEAR), SC (SCATTERED CLOUD COVER), HC (HEAVY CLOUD COVER), H (HAZE), CS (CLOUD SHADOW), SD (SEMIDARKNESS), GC (GROUND COVER), CF (CAMOUFLAGE), O (OBLIQUITY), AND GR (GROUND RESOLUTION).

INTERPRETABILITY OF THE PHOTOGRAPHY IS CATEGORIZED AS G (GOOD), F (FAIR), OR P (POOR). THE EXTENT OF TARGET COVERAGE IS DENOTED BY THE SYMBOLS T (TOTAL) OR PT (PARTIAL). THE MODE OF COVERAGE IS SIGNIFIED BY ST (STEREO), NS (NONSTEREO), OR PS (PARTIAL STEREO).

25X1

Approved For Release 2002/08/06 : CIA-RDP69B00041R000400050032-5

Approved For Release 2002/08/06 : CIA-RDP69B00041R000400050032-5

Highlights

HIGHLIGHTS

NO EVIDENCE OF OFFENSIVE SURFACE-TO-SURFACE MISSILE EQUIPMENT OR FACILITIES OBSERVED.

A TOTAL OF 166 SA-2 SITES ARE IDENTIFIED. OF THE 166, 12 ARE OCCUPIED (2 OF WHICH ARE NEWLY IDENTIFIED), 124 ARE UNOCCUPIED (2 OF WHICH ARE NEWLY IDENTIFIED), 29 ARE IDENTIFICATION ONLY, AND 1 IS RETURNED TO CULTIVATION. OF THE 6 MAJOR AIRFIELDS COVERED, 4 PROVIDED ORDER OF BATTLE INFORMATION.

HA NOI IS COVERED ON CLEAR, GOOD QUALITY PHOTOGRAPHY. WHILE HAI PHONG IS BARELY DISCERNIBLE ON FAR OBLIQUE PHOTOGRAPHY.

Missiles

MISSILES

25X1A

LAO CAI SAM SEARCH

VN 2229N 10359E

NO SAM OR SAM-ASSOCIATED ACTIVITY OBSERVED IN
CLOUD-FREE AREAS.

25X1D

VINH SAM SEARCH

VN 1840N 10540E

NO NEW SAM OR SAM-ASSOCIATED EQUIPMENT OBSERVED.

25X1D

DONG HOI SAM SEARCH AREA

VN 1728N 10637E

NO NEW SAM OR SAM-ASSOCIATED EQUIPMENT OBSERVED.

25X1D

HA NOI SAM SITE A10-2 (14)

VN 2101N 10558E

SITE CONSISTS OF 6 OCCUPIED REVETTED LAUNCH POSITIONS,
AN OCCUPIED GUIDANCE AREA, 3 MISSILE-HOLD POSITIONS (2
WITH TENTS AND 1 WITH 2 TENTS), AND AN OCCUPIED
ACQUISITION RADAR POSITION.

OB -- 6 LAUNCHERS WITH MISSILES, A GUIDANCE RADAR WITH
7 VANS, AND AN ACQUISITION RADAR.

25X1D

HA NOI SAM SITE A19-2 (15)

VN 2055N 10550E

SITE IS UNOCCUPIED.

25X1D

HA NOI SAM SITE A29-2 (4)

VN 2104N 10541E

SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS (5
OCCUPIED BY LAUNCHERS WITH POSSIBLE MISSILES), AN
OCCUPIED GUIDANCE AREA, 3 MISSILE-HOLD POSITIONS

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OCCUPIED BY VEHICLES/PIECES OF EQUIPMENT, AND AN
OCCUPIED ACQUISITION RADAR POSITION.

OB -- 5 LAUNCHERS WITH POSSIBLE MISSILES, A GUIDANCE
RADAR, AN ACQUISITION RADAR, AND 3 VEHICLES/PIECES OF
EQUIPMENT.

25X1D

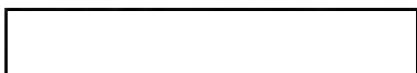


HA NOI SAM SITE B04-2 (5)

VN 2111N 10559E

SITE IS UNOCCUPIED.

25X1D



HA NOI SAM SITE B12-2 (3)

VN 2056N 10604E

SITE IS UNOCCUPIED.

25X1D

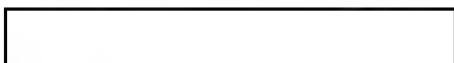


HA NOI SAM SITE B25-2 (11)

VN 2054N 10536E

SITE IS UNOCCUPIED.

25X1D



HA NOI SAM SITE B29-2 (17)

VN 2104N 10539E

SITE IS UNOCCUPIED.

25X1D



HA NOI SAM SITE B30-2 (16)

VN 2106N 10539E

SITE IS UNOCCUPIED.

25X1D



HA NOI SAM SITE C30-2 (7)

VN 2113N 10521E

SITE IS UNOCCUPIED.

25X1A



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25X1D



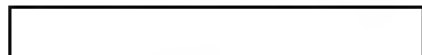
25X1A

HA NOI SAM SITE D19-2 (12)

VN 2023N 10547E

SITE IS UNOCCUPIED.

25X1D



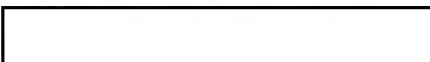
HA NOI SAM SITE B17-2 (1)

VN 2047N 10554E

SITE CONSISTS OF 6 OCCUPIED REVETTED LAUNCH POSITIONS, AN OCCUPIED REVETTED GUIDANCE AREA, 3 REVETTED MISSILE-HOLD POSITIONS (1 WITH A TRANSPORTER, 1 WITH A TENT, AND 1 UNOCCUPIED), AND AN OCCUPIED ACQUISITION RADAR POSITION.

OB -- 6 LAUNCHERS WITH MISSILES, 1 MISSILE TRANSPORTER, A GUIDANCE RADAR WITH 8 VANS, AND AN ACQUISITION RADAR.

25X1D

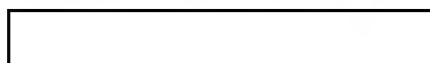


HA NOI SAM SITE B21-2 (2)

VN 2051N 10545E

SITE IS UNOCCUPIED.

25X1D



HA NOI SAM SITE C28-2 (13)

VN 2105N 10529E

SITE IS UNOCCUPIED.

25X1D

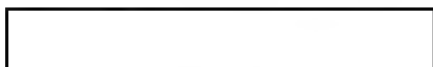


HA NOI SAM SITE D31-2 (8)

VN 2121N 10522E

SITE IS UNOCCUPIED.

25X1D



HA NOI SAM SITE A11-2 (9)

VN 2100N 10555E

SITE IS UNOCCUPIED.

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25X1D



25X1A

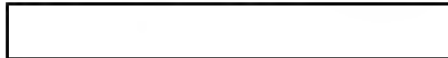
HA NOI SAM SITE A24-2 (19)

VN 2056N 10543E

SITE CONSISTS OF 6 OCCUPIED REVETTED LAUNCH POSITIONS, AN OCCUPIED REVETTED GUIDANCE AREA, 3 REVETTED MISSILE-HOLD POSITIONS (2 CONTAINING TENTS), AND AN OCCUPIED REVETTED ACQUISITION RADAR POSITION.

OB -- 6 LAUNCHERS WITH MISSILES, A GUIDANCE RADAR WITH 7 VANS, AND AN ACQUISITION RADAR.

25X1D



HA NOI SAM SITE D31A-2 (28)

VN 2124N 10517E

SITE IS UNOCCUPIED.

25X1D

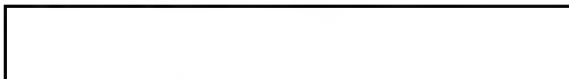


HA NOI SAM SITE D16-2 (24)

VN 2034N 10607E

SITE IS UNOCCUPIED.

25X1D



HA NOI SAM SITE D36-2 (39)

VN 2132N 10547E

SITE IS UNOCCUPIED.

25X1D

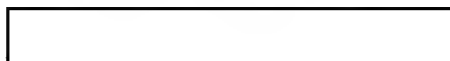


HA NOI SAM SITE C06-2 (32)

VN 2119N 10615E

SITE IS PROBABLY UNOCCUPIED. OBLIQUITY LIMITS INTERPRETATION.

25X1D



HA NOI SAM SITE C07-2 (30)

VN 2116N 10619E

IDENTIFICATION ONLY.

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278,280 C G T ST

25X1A

HA NOI SAM SITE D31B-2 (29)

VN 2123N 10520E

SITE IS UNOCCUPIED.

25X1D

HA NOI SAM SITE E07-2 (31)

VN 2122N 10635E

IDENTIFICATION ONLY.

25X1D

YEN BAI SAM SITE C14-2 (122)

VN 2128N 10509E

SITE RETURNED TO CULTIVATION AND WILL NO LONGER BE
REPORTED BY NPIC.

25X1D

YEN BAI SAM SITE B12-2 (116)

VN 2136N 10507E

SITE IS UNOCCUPIED.

25X1D

YEN BAI SAM SITE C10-2 (193)

VN 2141N 10522E

SITE IS UNOCCUPIED.

25X1D

YEN BAI SAM SITE B11-2 (194)

VN 2146N 10513E

SITE IS UNOCCUPIED.

25X1D

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25X1A

YEN BAI SAM SITE C07-2 (202)

VN 2144N 10515E

SITE IS UNOCCUPIED.

25X1D

YEN BAI SAM SITE C09-2 (206)

VN 2144N 10518E

SITE IS UNOCCUPIED.

25X1D

YEN BAI SAM SITE C17-2 (208)

VN 2123N 10517E

SITE IS UNOCCUPIED.

25X1D

HAI PHONG SAM SITE A29-2 (21)

VN 2052N 10634E

IDENTIFICATION ONLY.

25X1D

HAI PHONG SAM SITE A20-2 (25)

VN 2044N 10639E

SITE IS UNOCCUPIED.

25X1D

HAI PHONG SAM SITE A17-2 (34)

VN 2047N 10642E

IDENTIFICATION ONLY.

25X1D

HAI PHONG SAM SITE A29A-2 (37)

VN 2053N 10631E

SITE IS UNOCCUPIED.

25X1D

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25X1A

HAI PHONG SAM SITE B33-2 (38)

VN 2107N 10630E

IDENTIFICATION ONLY.

25X1D

HAI PHONG SAM SITE C32-2 (58)

VN 2106N 10623E

IDENTIFICATION ONLY.

25X1D

HAI PHONG SAM SITE C32A-2

VN 2106N 10622E

IDENTIFICATION ONLY.

25X1D

HAI PHONG SAM SITE B28-2 (60)

VN 2052N 10620E

SITE IS UNOCCUPIED.

25X1D

HAI PHONG SAM SITE B30-2 (61)

VN 2059N 10621E

IDENTIFICATION ONLY.

25X1D

HAI PHONG SAM SITE A23-2 (66)

VN 2045N 10635E

SITE IS UNOCCUPIED.

25X1D

HAI PHONG SAM SITE C30-2 (72)

VN 2101N 10619E

SITE IS UNOCCUPIED.

25X1D

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25X1A

HAI PHONG SAM SITE C28-2 (73)

VN 2053N 10617E

SITE IS UNOCCUPIED.

25X1D

HAI PHONG SAM SITE A17A-2 (86)

VN 2042N 10644E

SITE IS UNOCCUPIED.

25X1D

HAI PHONG SAM SITE D35-2 (89)

VN 2121N 10630E

IDENTIFICATION ONLY.

25X1D

THANH HOA SAM SITE B28-2 (22)

VN 1949N 10535E

SITE IS UNOCCUPIED.

25X1D

THANH HOA SAM SITE C02-2 (23)

VN 2009N 10554E

SITE IS UNOCCUPIED.

25X1D

THANH HOA SAM SITE B01-2 (26)

VN 2006N 10550E

SITE IS UNOCCUPIED.

25X1D

THANH HOA SAM SITE B02-2 (27)

VN 2006N 10550E

SITE IS UNOCCUPIED.

25X1D

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25X1A

THANH HOA SAM SITE D04-2 (42)

VN 2016N 10606E

SITE IS UNOCCUPIED.

25X1D

THANH HOA SAM SITE C03-2 (46)

VN 2013N 10559E

SITE IS UNOCCUPIED.

25X1D

THANH HOA SAM SITE C02A-2 (65)

VN 2010N 10553E

SITE IS UNOCCUPIED.

25X1D

THANH HOA SAM SITE A17-2 (67)

VN 1945N 10547E

SITE IS UNOCCUPIED.

25X1D

THANH HOA SAM SITE C04-2 (68)

VN 2011N 10604E

SITE IS UNOCCUPIED.

25X1D

THANH HOA SAM SITE D02-2 (69)

VN 2025N 10601E

SITE IS UNOCCUPIED.

25X1D

THANH HOA SAM SITE C01-2 (77)

VN 2013N 10551E

SITE IS UNOCCUPIED.

25X1D

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BLACK SHIELD MSN BX6709, 19 JUL 67

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25X1A

THANH HOA SAM SITE D03-2 (79)

VN 2021N 10604E

SITE IS UNOCCUPIED.

25X1D

THANH HOA SAM SITE D03A-2 (80)

VN 2021N 10600E

SITE IS UNOCCUPIED.

25X1D

THANH HOA SAM SITE A19-2 (87)

VN 1941N 10546E

SITE IS UNOCCUPIED.

25X1D

THANH HOA SAM SITE B28A-2 (100)

VN 1950N 10529E

SITE IS UNOCCUPIED.

25X1D

THANH HOA SAM SITE B27-2 (109)

VN 1948N 10532E

SITE IS UNOCCUPIED.

25X1D

THANH HOA SAM SITE A14-2 (111)

VN 1945N 10550E

SITE IS UNOCCUPIED.

25X1D

THANH HOA SAM SITE D20-2 (123)

VN 1916N 10535E

SITE IS UNOCCUPIED.

25X1D

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25X1A

THANH HOA SAM SITE D20A-2 (130)

VN 1915N 10535E

SITE IS UNOCCUPIED.

25X1D

THANH HOA SAM SITE A17A-2 (153)

VN 1947N 10547E

SITE IS UNOCCUPIED.

25X1D

THANH HOA SAM SITE A13-2 (154)

VN 1945N 10552E

SITE IS UNOCCUPIED.

25X1D

HA NOI SAM SITE B30A-2 (43)

VN 2108N 10535E

SITE IS UNOCCUPIED.

25X1D

HA NOI SAM SITE C30A-2 (44)

VN 2112N 10521E

SITE IS UNOCCUPIED.

25X1D

HA NOI SAM SITE D03-2 (41)

VN 2128N 10607E

IDENTIFICATION ONLY.

25X1D

HA NOI SAM SITE D04-2 (33)

VN 2125N 10612E

IDENTIFICATION ONLY.

25X1D

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25X1A

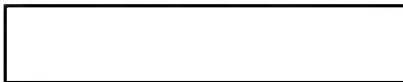
HA NOI SAM SITE A17A-2 (45)

VN 2052N 10554E

SITE CONSISTS OF 6 OCCUPIED REVETTED LAUNCH POSITIONS,
AN OCCUPIED REVETTED GUIDANCE AREA, 3 UNOCCUPIED
REVETTED MISSILE-HOLD POSITIONS, AND AN OCCUPIED
REVETTED ACQUISITION RADAR POSITION.

OB -- 6 LAUNCHERS WITH MISSILES, A GUIDANCE RADAR WITH
6 VANS, AND AN ACQUISITION RADAR.

25X1D

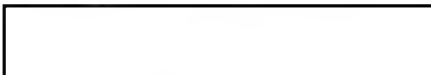


HA NOI SAM SITE C30C-2 (51)

VN 2114N 10523E

SITE IS UNOCCUPIED.

25X1D



HA NOI SAM SITE C01-2 (53)

VN 2125N 10551E

SITE IS UNOCCUPIED.

25X1D

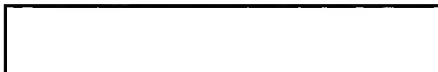


HA NOI SAM SITE C05-2 (62)

VN 2117N 10605E

SITE IS UNOCCUPIED.

25X1D



HA NOI SAM SITE C04-2 (54)

VN 2124N 10611E

SITE IS UNOCCUPIED.

25X1D



HA NOI SAM SITE C02-2 (56)

VN 2122N 10558E

SITE IS UNOCCUPIED.

25X1D



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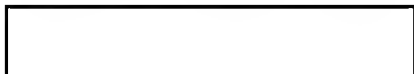
R-134/67
25X1A

HA NOI SAM SITE C04A-2 (57)

VN 2120N 10608E

SITE IS UNOCCUPIED.

25X1D



HA NOI SAM SITE C01A-2 (63)

VN 2129N 10554E

SITE IS UNOCCUPIED.

25X1D



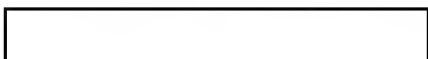
HA NOI SAM SITE B33-2 (64)

VN 2110N 10544E

SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS (5
OCCUPIED), AN OCCUPIED GUIDANCE AREA, AND AN OCCUPIED
ACQUISITION RADAR POSITION.

OB -- 5 LAUNCHERS WITH MISSILES, A GUIDANCE RADAR WITH
5 VANS, AND AN ACQUISITION RADAR.

25X1D

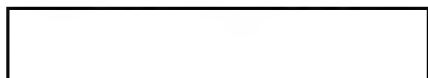


HA NOI SAM SITE D35-2 (75)

VN 2138N 10537E

SITE IS UNOCCUPIED.

25X1D



HA NOI SAM SITE C06A-2 (78)

VN 2115N 10616E

IDENTIFICATION ONLY.

25X1D

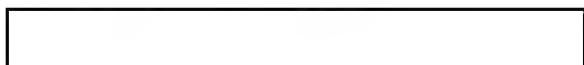


HA NOI SAM SITE C13-2 (81)

VN 2045N 10613E

SITE IS UNOCCUPIED.

25X1D



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25X1A

HA NOI SAM SITE C11-2 (84)

VN 2055N 10615E

SITE IS UNOCCUPIED.

25X1D

HA NOI SAM SITE C12-2 (88)

VN 2052N 10611E

SITE IS UNOCCUPIED.

25X1D

HA NOI SAM SITE C30D-2 (92)

VN 2112N 10530E

SITE IS UNOCCUPIED.

25X1D

HA NOI SAM SITE B07-2 (95)

VN 2108N 10609E

SITE IS UNOCCUPIED.

25X1D

HA NOI SAM SITE D06-2 (105)

VN 2118N 10621E

IDENTIFICATION ONLY.

25X1D

HA NOI SAM SITE C30E-2 (114)

VN 2111N 10521E

SITE IS UNOCCUPIED.

25X1D

BAG CAN SAM SITE C22-2 (76)

VN 2151N 10536E

SITE IS UNOCCUPIED.

25X1D

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25X1A

BAC CAN SAM SITE B20-2 (90)

VN 2151N 10544E

SITE IS UNOCCUPIED.

25X1D

BAC CAN SAM SITE C20-2 (96)

VN 2144N 10542E

SITE IS UNOCCUPIED.

25X1D

BAC CAN SAM SITE C19-2 (192)

VN 2138N 10546E

SITE IS UNOCCUPIED.

25X1D

HOA BINH SAM SITE A19-2 (82)

VN 2040N 10519E

SITE IS UNOCCUPIED.

25X1D

HOA BINH SAM SITE B20-2 (83)

VN 2035N 10517E

SITE IS UNOCCUPIED.

25X1D

HOA BINH SAM SITE B22-2 (94)

VN 2038N 10513E

SITE IS UNOCCUPIED.

25X1D

HOA BINH SAM SITE B17-2 (170)

VN 2030N 10525E

SITE IS UNOCCUPIED.

25X1D

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25X1A

HOA BINH SAM SITE C17-2 (201)

VN 2028N 10525E

SITE IS UNOCCUPIED.

25X1D

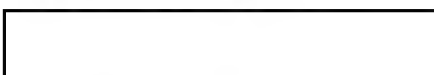


HOA BINH SAM SITE B19-2 (198)

VN 2032N 10520E

SITE IS PROBABLY UNOCCUPIED. OBLIQUITY LIMITS
INTERPRETATION.

25X1D

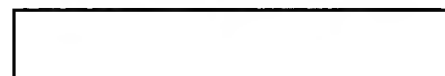


HOA BINH SAM SITE B08-2 (212)

VN 2052N 10533E

SITE IS UNOCCUPIED.

25X1D

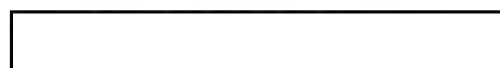


HAI PHONG SAM SITE D35A-2 (97)

VN 2123N 10634E

IDENTIFICATION ONLY.

25X1D



HAI PHONG SAM SITE A27-2 (99)

VN 2051N 10637E

IDENTIFICATION ONLY.

HAI PHONG SAM SITE D22-2 (152)

VN 2024N 10624E

SITE IS UNOCCUPIED.

25X1D



HAI PHONG SAM SITE C21-2 (157)

VN 2024N 10630E

SITE IS UNOCCUPIED.

25X1D



SECRET

SECRET

BLACK SHIELD MSN BX6709, 19 JUL 67

R-134/67
25X1A

HAI PHONG SAM SITE D23-2 (174)

VN 2028N 10614E

SITE IS UNOCCUPIED.

25X1D

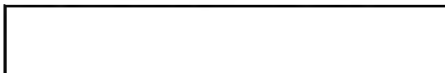


HAI PHONG SAM SITE B27-2 (209)

VN 2049N 10623E

IDENTIFICATION ONLY.

25X1D

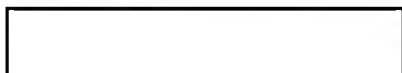


VINH SAM SITE C19-2 (101)

VN 1818N 10539E

SITE IS UNOCCUPIED.

25X1D

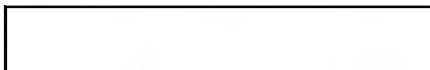


VINH SAM SITE C32-2 (102)

VN 1900N 10518E

SITE IS UNOCCUPIED.

25X1D

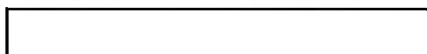


VINH SAM SITE B16-2 (103)

VN 1822N 10548

SITE IS UNOCCUPIED.

25X1D



VINH PROBABLE SAM SITE (113)

VN 1900N 10518E

SITE IS UNOCCUPIED.

25X1D

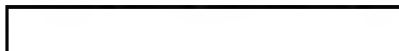


VINH SAM SITE D32-2 (106)

VN 1900N 10516E

SITE IS UNOCCUPIED.

25X1D



SECRET

~~SECRET~~

BLACK SHIELD MSN BX6709, 19 JUL 67

R-134/67

25X1A

VINH SAM SITE A07-2 (127)

VN 1840N 10542E

IDENTIFICATION ONLY.

25X1D

VINH SAM SITE C32A-2 (140)

VN 1859N 10517E

SITE IS UNOCCUPIED.

25X1D

VINH SAM SITE C30-2 (144)

VN 1848N 10518E

SITE IS UNOCCUPIED.

25X1D

VINH SAM SITE C32B-2 (149)

VN 1859N 10518E

SITE IS UNOCCUPIED.

25X1D

VINH SAM SITE B21-2 (150)

VN 1828N 10536E

SITE IS UNOCCUPIED.

25X1D

VINH SAM SITE B29-2 (151)

VN 1844N 10526E

SITE IS UNOCCUPIED.

25X1D

VINH SAM SITE B32-2 (173)

VN 1849N 10529E

SITE IS UNOCCUPIED.

25X1D

~~SECRET~~

~~SECRET~~

BLACK SHIELD MSN BX6709, 19 JUL 67

R-134/67
25X1A

VINH SAM SITE A01-2 (176)

VN 1846N 10541E

IDENTIFICATION ONLY.

25X1D

VINH SAM SITE A36-2 (179)

VN 1844N 10540E

IDENTIFICATION ONLY.

25X1D

VINH SAM SITE (190)

VN 1837N 10548E

IDENTIFICATION ONLY.

25X1D

VINH SAM SITE C31-2 (213)

VN 1854N 10518E

SITE IS UNOCCUPIED.

25X1D

HA NOI SAM SITE B01-2 (119)

VN 2117N 10553E

SITE IS UNOCCUPIED.

25X1D

HA NOI SAM SITE C33-2 (120)

VN 2118N 10537E

IDENTIFICATION ONLY.

25X1D

HA NOI SAM SITE B01A-2 (124)

VN 2114N 10553E

SITE IS UNOCCUPIED.

25X1D

~~SECRET~~

SECRET

BLACK SHIELD MSN BX6709, 19 JUL 67

R-134/67
25X1A

HA NOI SAM SITE A33-2 (125)

VN 2109N 10546E

SITE IS UNOCCUPIED.

25X1D

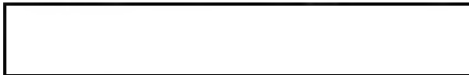


HA NOI SAM SITE D36A-2 (126)

VN 2135N 10550E

SITE CONSISTS OF 4 UNOCCUPIED, UNREVIEWED LAUNCH
POSITIONS AND A REVIEWED GUIDANCE AREA.

25X1D

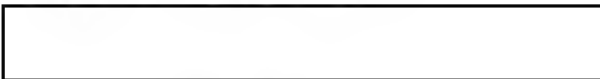


HA NOI SAM SITE C01B-2 (128)

VN 2128N 10552E

SITE IS UNOCCUPIED.

25X1D



HA NOI SAM SITE A01-2 (133)

VN 2107N 10552E

SITE CONSISTS OF 6 OCCUPIED REVIEWED LAUNCH POSITIONS,
AN OCCUPIED GUIDANCE AREA, AND AN OCCUPIED ACQUISITION
RADAR POSITION.

OB -- 6 LAUNCHERS WITH MISSILES, A GUIDANCE RADAR WITH
5 VANS, AND AN ACQUISITION RADAR.

25X1D

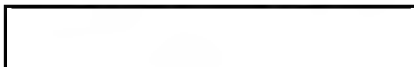


HA NOI SAM SITE C03-2 (138)

VN 2121N 10600E

IDENTIFICATION ONLY.

25X1D

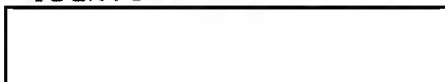


HA NOI SAM SITE C03A-2 (141)

VN 2119N 10602E

IDENTIFICATION ONLY.

25X1D



SECRET

~~SECRET~~

BLACK SHIELD MSN BX6709, 19 JUL 67

R-134/67
25X1A

HA NOI SAM SITE A14-2 (142)

VN 2056N 10558E

SITE CONSISTS OF 6 OCCUPIED REVETTED LAUNCH POSITIONS
AND AN OCCUPIED REVETTED GUIDANCE AREA.

OB -- 6 LAUNCHERS WITH MISSILES AND A GUIDANCE RADAR
WITH 6 VANS.

25X1D

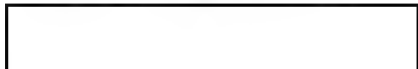


HA NOI SAM SITE C32-2 (143)

VN 2119N 10531E

SITE IS UNOCCUPIED.

25X1D



HA NOI SAM SITE B32-2 (146)

VN 2115N 10535E

SITE IS UNOCCUPIED.

25X1D

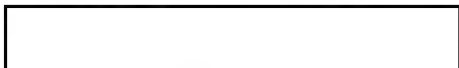


HA NOI SAM SITE B07A-2 (148)

VN 2109N 10608E

SITE IS UNOCCUPIED.

25X1D



HA NOI SAM SITE C17-2 (147)

VN 2036N 10601E

SITE IS UNOCCUPIED.

25X1D



HA NOI SAM SITE A31-2 (159)

VN 2104N 10546E

SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS (4
OCCUPIED), A GUIDANCE AREA CONTAINING AN UNIDENTIFIED
PIECE OF EQUIPMENT, AND AN OCCUPIED ACQUISITION RADAR
POSITION.

OB -- 4 LAUNCHERS WITH MISSILES, AN ACQUISITION RADAR,
AND AN UNIDENTIFIED PIECE OF EQUIPMENT.

~~SECRET~~

SECRET

25X1D



25X1A

HA NOI SAM SITE C17A-2 (161)

VN 2037N 10557E

SITE IS UNOCCUPIED.

25X1D



HA NOI SAM SITE B16-2 (162)

VN 2049N 10557E

SITE IS UNOCCUPIED.

25X1D

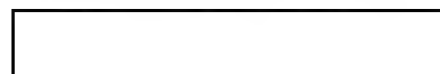


HA NOI SAM SITE E22-2 (164)

VN 2026N 10529E

SITE IS UNOCCUPIED.

25X1D

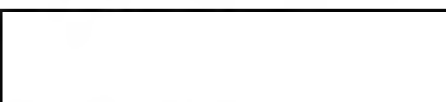


HA NOI SAM SITE C17B-2 (165)

VN 2033N 10600E

SITE IS UNOCCUPIED.

25X1D



HA NOI SAM SITE C16-2 (166)

VN 2041N 10605E

SITE IS UNOCCUPIED.

25X1D

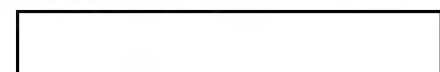


HA NOI SAM SITE A05-2 (158)

VN 2108N 10558E

SITE IS UNOCCUPIED.

25X1D



HA NOI SAM SITE D36B-2 (168)

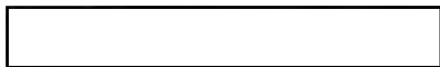
VN 2134N 10546E

25X1D



SECRET

25X1D



HA NOI SAM SITE C03B-2 (167)

VN 2121N 10600E

SITE IS UNOCCUPIED.

25X1D

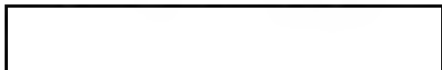


HA NOI SAM SITE D31C-2 (131)

VN 2124N 10517E

SITE IS UNOCCUPIED.

25X1D

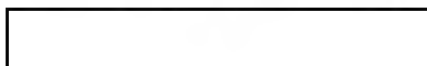


THANH HOA SAM SITE C04B-2 (172)

VN 2008N 10602E

IDENTIFICATION ONLY.

25X1D



THANH HOA SAM SITE C03A-2 (156)

VN 2015N 10558E

SITE IS UNOCCUPIED.

25X1D



THANH HOA SAM SITE B01A-2 (160)

VN 2006N 10549E

SITE IS UNOCCUPIED.

25X1D



THANH HOA SAM SITE C01A-2 (163)

VN 2014N 10548E

SITE IS UNOCCUPIED.

25X1D

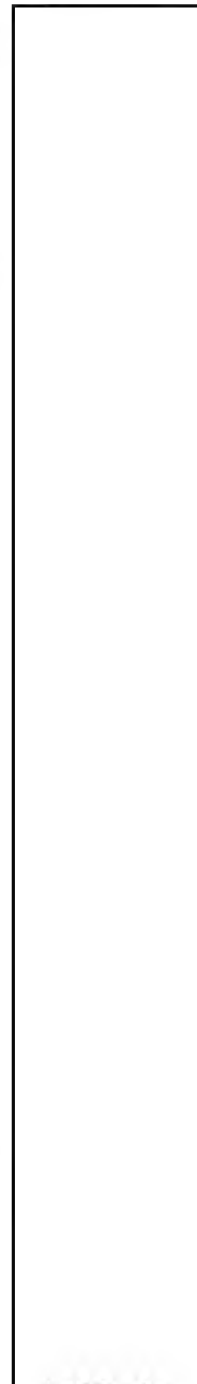


THANH HOA SAM SITE C04A-2 (155)

VN 2009N 10600E

IDENTIFICATION ONLY.

25X1A



~~SECRET~~

BLACK SHIELD MSN BX6709, 19 JUL 67

R-134/67

25X1D

THANH HOA SAM SITE D21A-2 (175)

VN 1914N 10533E

SITE IS UNOCCUPIED.

25X1D

HA NOI SAM SITE C05B-2 (171)

VN 2122N 10615E

IDENTIFICATION ONLY.

25X1D

HA NOI SAM SITE B27-2 (180)

VN 2059N 10533E

SITE IS UNOCCUPIED.

25X1D

HA NOI SAM SITE B13-2 (184)

VN 2050N 10605E

SITE IS UNOCCUPIED.

25X1D

HA NOI SAM SITE B28-2 (189)

VN 2101N 10532E

SITE CONSISTS OF 6 UNREVIEWED LAUNCH POSITIONS (4
OCCUPIED) AND AN OCCUPIED UNREVIEWED GUIDANCE AREA.

25X1D

OB -- 4 LAUNCHERS WITH MISSILES AND A GUIDANCE RADAR.

HA NOI SAM SITE B04A-2 (186)

VN 2118N 10602E

SITE IS UNOCCUPIED.

25X1D

25X1A

~~SECRET~~

SECRET

R-134/67
25X1A

HA NOI POSS SAM SITE (199P)

VN 2134N 10600E

IDENTIFICATION ONLY.

25X1D

HA NOI POSS SAM SITE (200P)

VN 2134N 10600E

IDENTIFICATION ONLY.

25X1D

HA NOI SAM SITE C01D-2 (195)

VN 2130N 10552E

SITE IS UNOCCUPIED.

25X1D

HA NOI SAM SITE (205)

VN 2128N 10555E

SITE IS UNOCCUPIED.

25X1D

HA NOI SAM SITE (211)

VN 2108N 10527E

IDENTIFICATION ONLY.

25X1D

VINH LINH SAM SITE A25-2 (177)

VN 1701N 10655E

SITE IS UNOCCUPIED.

25X1D

VINH LINH SAM SITE A26-2 (187)

VN 1701N 10654E

SITE IS UNOCCUPIED.

25X1D

SECRET

~~SECRET~~

BLACK SHIELD MSN BX6709, 19 JUL 67

R-134/67

HA NOI PROB SA-2 MISSILE EQPT TRNG AREA VN 2127N 10555E

PROBABLE SA-2 MISSILE EQUIPMENT TRAINING AREA APPEARS
ACTIVE. NO MISSILES OR MISSILE-ASSOCIATED EQUIPMENT
OBSERVED.

25X1D

YAI-CHENG PROB RADAR SITE

CH 1818N 10910E

IDENTIFICATION ONLY.

25X1D

25X1A

HA NOI SAM SITE C29-2 (6)

VN 2110N 10522E NO COMOR

SITE IS UNOCCUPIED.

25X1D

YEN BAI SAM SITE (215)

VN 2155N 10508E NO COMOR

19.6 NM NE OF YEN BAI AT UTM WK142245.

NEWLY IDENTIFIED SITE CONSISTS OF 4 OCCUPIED UNREVIEWED
LAUNCH POSITIONS AND A POSSIBLY OCCUPIED GUIDANCE AREA.

OB -- 4 LAUNCHERS WITH MISSILES AND A POSSIBLE GUIDANCE
RADAR.

25X1D

YEN BAI SAM SITE (216)

VN 2157N 10506E NO COMOR

20.1 NM NNE OF YEN BAI AT UTM WK112284.

NEWLY IDENTIFIED SITE CONSISTS OF 4 OCCUPIED UNREVIEWED
LAUNCH POSITIONS AND AN OCCUPIED GUIDANCE AREA.

OB -- 4 LAUNCHERS WITH MISSILES AND A GUIDANCE RADAR.

25X1D

~~SECRET~~

~~SECRET~~

BLACK SHIELD MSN BX6709, 19 JUL 67

R-134/67

YEN BAI SAM SITE (217)

VN 2156N 10507E

NO COMOR

19.7 NM NE OF YEN BAI AT UTM WK120267.

NEWLY IDENTIFIED SITE CONSISTS OF 3 UNOCCUPIED
UNREVETTED POSITIONS AND AN UNOCCUPIED GUIDANCE AREA.

OB -- NONE.

25X1D



YEN BAI SAM SITE (218)

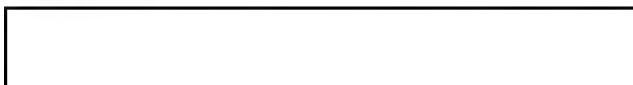
VN 2152N 10508E

NO COMOR

17.9 NM NE OF YEN BAI AT UTM WK152182.

NEWLY IDENTIFIED SITE CONSISTS OF 4 UNOCCUPIED
UNREVETTED LAUNCH POSITIONS AND AN UNOCCUPIED GUIDANCE
AREA.

25X1D



~~SECRET~~

**Air
Facilities**

~~SECRET~~

BLACK SHIELD MSN BX6709, 19 JUL 67

R-134/67

AIR FACILITIES

25X1A

MENG-TZU AIRFIELD WEST

CH 2323N 10320E

IDENTIFICATION ONLY.

25X1D

HAIPHONG/KIEN AN AIRFIELD

VN 2048N 10636E

OB -- NONE OBSERVED.

25X1D

HANOI/BAC MAI AIRFIELD

VN 2059N 10550E

OB -- 1 DERELICT AIRCRAFT IN HANGAR.

25X1D

HANOI/GIA LAM AIRFIELD

VN 2102N 10553E

OB -- 10 FAGOT/FRESCO (1 WITH TAIL SECTION REMOVED), 3
CRATE, 1 CAB FUSELAGE, 7 COLT, 1 HOOK, AND 1 HOUND.

950-953 C G T ST

PHUC YEN AIRFIELD

VN 2113N 10548E

OB -- 9 FISHBED, 13 FAGOT/FRESCO, AND 2 DUMMY/DECOY
AIRCRAFT.

25X1D

KEP AIRFIELD

VN 2124N 10616E

IDENTIFICATION ONLY.

25X1D

~~SECRET~~

SECRET

BLACK SHIELD MSN BX6709, 19 JUL 67

R-134/67
25X1A

PING-YUAN-CHIEH AIRFIELD

CH 2342N 10349E

IDENTIFICATION ONLY.

25X1D

HOA LAC AIRFIELD

VN 2101N 10530E

OB -- 2 FAGOT/FRESCO (1 WITH TAIL SECTION REMOVED) AND
2 DUMMY/DECOY AIRCRAFT.

25X1D

THO KHOI HELICOPTER DISPERSAL AREA

VN 2100N 10554E

NO COMOR

OB -- 2 HOOK AND 7 HOUND.

25X1D

HA NOI HELICOPTER DISPERSAL AREA

VN 2105N 10549E

NO COMOR

OB -- 3 HOOK.

25X1D

SECRET

**Naval
Activity/
Ports**

SECRET

BLACK SHIELD MSN BX6709, 19 JUL 67

R-134/67

NAVAL ACTIVITY/PORTS

25X1A

BEN THUY COASTAL TRANSSHIPMENT POINT VN 1839N 10542E

2.2 NM SE OF VINH ON WEST BANK OF THE SONG CA (RIVER).

ALL STRUCTURES DESTROYED OR DISMANTLED. OFFSHORE WHARF
DAMAGED. COASTAL FREIGHTER CAPSIZED IMMEDIATELY
ADJACENT TO WHARF. NO ACTIVITY OBSERVED.

25X1D

PEI-LI PORT FACILITIES

CH 1906N 10837E

IDENTIFICATION ONLY.

25X1D

SECRET

**Military
Activity**

SECRET

BLACK SHIELD MSN BX6709, 19 JUL 67

R-134/67

MILITARY ACTIVITY

25X1A

MENG-TZU MILITARY COMPLEX

CH 2321N 10323E

IDENTIFICATION ONLY.

25X1D



MENG-TZU MILITARY ACTIVITY

CH 2325N 10316E

IDENTIFICATION ONLY.

25X1D



CHIN-PING MILITARY COMPLEX

CH 2247N 10314E

IDENTIFICATION ONLY.

25X1D



WEN-SHAN ARMY BARRACKS WEST

CH 2322N 10413E

IDENTIFICATION ONLY.

25X1D



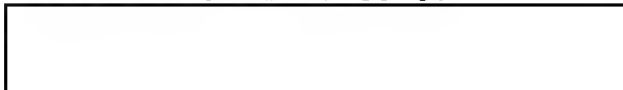
HO-KOU ARMY BARRACKS NORTH

CH 2232N 10357E

NO NEW CONSTRUCTION CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED. NO INDICATION
OF TROOP OR SUPPLY BUILDUP OBSERVED.

OB -- 14 CARGO TRUCKS.

25X1D

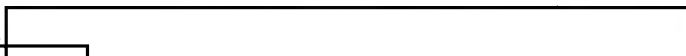


THAI NGUYEN ARMY SUPPLY DEPOT NORTH

VN 2138N 10551E

NO APPARENT CHANGE

25X1D



25X1D

SECRET

~~SECRET~~

BLACK SHIELD MSN BX6709, 19 JUL 67

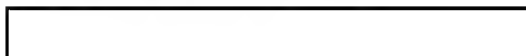
R-134/67
25X1A

BAC CAN ARMY BKS AND SUPPLY DEPOT

VN 2208N 10550E

IDENTIFICATION ONLY.

25X1D

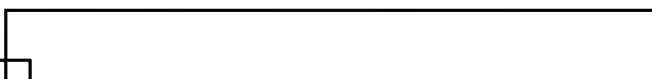


25X1D

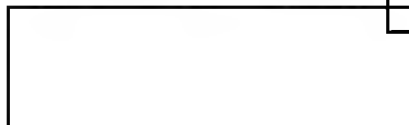
BAC GIANG ARMY BARRACKS NE DINH XUYEN

VN 2117N 10612E

NO APPARENT CHANGE



25X1D

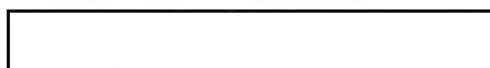


TSA-TI-PAO ROAD

CH 2302N 10341E

NO NEW ROADS, TRAILS OR ROAD IMPROVEMENTS OBSERVED. NO
VEHICLES OBSERVED.

25X1D

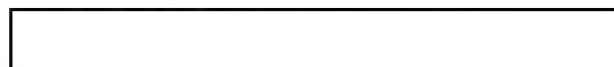


WU-PU-CHIEH ROAD CONSTRUCTION

CH 2314N 10454E

IDENTIFICATION ONLY.

25X1D



HA NOI/LAO CAI RR SEGMENT 2

VN 2200N 10433E

ENTIRE RAIL SEGMENT OBSERVED FROM 2210N 10421E TO 2150N
10445E. BOMB DAMAGE OBSERVED AT UTM VK588288. SCALE
PRECLUDES DETERMINATION OF SERVICEABILITY AT THIS
POINT. REMAINDER OF SEGMENT APPEARS SERVICEABLE. FOUR
PIECES OF ROLLING STOCK OBSERVED.

25X1D

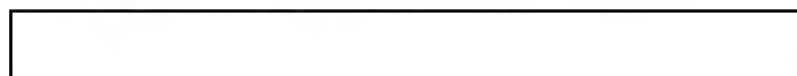


HA NOI/LAO CAI RR SEGMENT 1

VN 2220N 10410E

ENTIRE RAIL SEGMENT OBSERVED OPERATIONAL FROM 2229N
10352E TO 2210N 10421E. EIGHT PIECES OF ROLLING STOCK
OBSERVED. SCALE AND HAZE PRECLUDE COUNT OF ROLLING
STOCK IN LAO CAI CLASSIFICATION YARD.

25X1D



~~SECRET~~

SECRET

BLACK SHIELD MSN BX6709, 19 JUL 67

R-134/67

T ST

25X1A

HA NOI/LAO CAI RR SEGMENT 3

VN 2140N 10456E

RAIL SEGMENT COVERED FROM 2203N 10504E TO 2128N 10506E. SMALL SCALE AND CLOUD COVER PRECLUDES DETERMINATION OF SERVICEABILITY. NO ROLLING STOCK OBSERVED.

25X1D

HA NOI/PING-HSIANG RR SEGMENT 3

VN 2110N 10604E

ENTIRE RAIL SEGMENT OBSERVED OPERATIONAL BETWEEN 2122N 10615E TO 2101N 10551E. DAP CAU RAILROAD BY-PASS BRIDGE AT 2112N 10605E IS OPERATIONAL. RAIL ACTIVITY INCLUDES 85 ROLLING STOCK AND 4 LOCOMOTIVES WITH TENDERS. IN ADDITION 1 LOCOMOTIVE AND TENDER OBSERVED PULLING 40 ROLLING STOCK NORTH AT 2108N 10601E, 1 LOCOMOTIVE AND TENDER OBSERVED PULLING 25 ROLLING STOCK SOUTH, AND AN ADDITIONAL LOCOMOTIVE PULLING 12 ROLLING STOCK NORTH WITHIN RAIL YARD AT 2107N 10558E.

25X1D

HA NOI/LAO CAI RR SEGMENT 4

VN 2120N 10520E

ENTIRE RAIL SEGMENT OPERATIONAL FROM 2128N 10506E TO 2118N 10536E. VIET TRI RAILROAD BRIDGE IS STILL UNSERVICEABLE. RAIL TRAFFIC INCLUDES A TOTAL OF 85 PIECES OF ROLLING STOCK AND 2 POSSIBLE LOCOMOTIVES. AT LEAST 12 PIECES OF ROLLING STOCK DAMAGED OR DESTROYED AT 2117N 10528E. NUMEROUS PROBABLE RAIL CUTS NOTED ON RAIL SPUR.

25X1D

HA NOI/LAO CAI RR SEGMENT 5

VN 2110N 10548E

ENTIRE RAIL SEGMENT OBSERVED OPERATIONAL FROM 2118N 10536E TO 2101N 10551E. ACTIVITY INCLUDES 119 PIECES OF ROLLING STOCK AND 4 LOCOMOTIVES.

25X1D

SECRET

SECRET

BLACK SHIELD MSN BX6709, 19 JUL 67

R-134/67

TRUCK CONVOY, LAO CAI AREA

VN 2223N 10414E NO COMOR

AT LEAST 23 CARGO TRUCKS OBSERVED TRAVELING SE ON ROUTE 4 NEAR THE VILLAGE OF COC XAM AT UTM VK216755.

(MAP REFERENCE -- AMS SERIES L7014, SHEET 5853-IV, 1ST ED.)

25X1D

VEHICLE CONVOY, NA TCHIANG

VN 2209N 10345E NO COMOR

AT LEAST 30 CARGO TRUCKS OBSERVED TRAVELLING SE ON ROUTE 132 NEAR NA TCHIANG AT UTM UK718512.

(MAP REFERENCE -- AMS SERIES L7014, SHEET 5753-II, 1ST ED.)

25X1D

THAI NGUYEN U/I CONSTRUCTION ACTIVITY

VN 2128N 10553E NO COMOR

CONSTRUCTION CONTINUES ON THE PREVIOUSLY REPORTED RAIL-SERVED UNIDENTIFIED CONSTRUCTION ACTIVITY, 8 NM SOUTH OF THAI NGUYEN. A LARGE BUILDING IS IN AN EARLY STAGE OF CONSTRUCTION OVER THE TERMINUS OF EACH OF THE 3 EASTERNMOST RAIL SPURS. ANOTHER LARGE BUILDING IS UNDER CONSTRUCTION IN THE NORTHWESTERNMOST PREVIOUSLY REPORTED CLEARING AT UTM WJ918745. THESE BUILDINGS WILL HAVE AN APPROXIMATELY MINIMUM LENGTH AND WIDTH OF 200 X 40 FT. A POSSIBLE DRIVE-IN BUNKER APPROXIMATELY 40 X 50 FT IS IN LATE STAGE OF CONSTRUCTION BETWEEN 2 SMALL HILLS AT WJ922745. ROLLING STOCK OBSERVED CONSISTS OF 6 BOXCARS AND 12 GONDOLA CARS.

25X1D

HO-KOU VEHICLE PARKS

CH 2232N 10356E NO COMOR

OB -- 42 CARGO TRUCKS.

25X1D

SECRET

Complexes

~~SECRET~~

BLACK SHIELD MSN BX6709, 19 JUL 67

R-134/67

COMPLEXES

25X1A

WEN-SHAN COMPLEX

CH 2322N 10415E

IDENTIFICATION ONLY.

25X1D

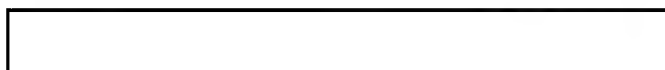


BAC GIANG COMPLEX

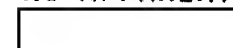
25X1D

VN 2116N 10611E

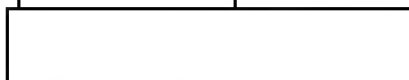
NO APPARENT CHANGE



25X1D



25X1D

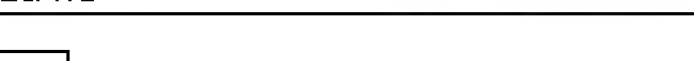


TUYEN QUANG COMPLEX

25X1D

VN 2148N 10512E

NO APPARENT CHANGE



25X1D

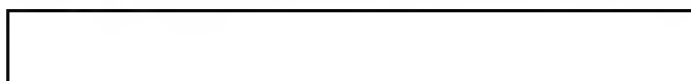


LAO CAI COMPLEX

VN 2230N 10358E

NO NEW CONSTRUCTION OR CHANGES IN INDUSTRIAL FACILITIES
OR INDICATIONS OF TROOP AND SUPPLY BUILDUP.

25X1D



VIET TRI RAILROAD YARD

VN 2118N 10526E

AT LEAST 44 ROLLING STOCK, 12 ADDITIONAL PROBABLE
DAMAGED/DESTROYED ROLLING STOCK, AND NUMEROUS RAIL CUTS
OBSERVED ON RAIL SPURS WITHIN YARD. MAIN LINE IS
PROBABLY OPERATIONAL.

25X1D



YEN VIEN RR CLASSIFICATION YARD

VN 2105N 10555E

YARD APPEARS SERVICEABLE. SIXTY-FIVE PIECES OF ROLLING
STOCK AND 3 POSSIBLE LOCOMOTIVES OBSERVED IN YARD AND
10 PIECES OF ROLLING STOCK ON LOOP TO LAO CAI LINE.

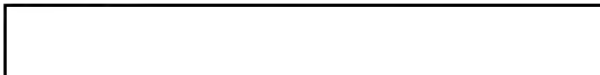
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BLACK SHIELD MSN BX6709, 19 JUL 67

R-134/67

25X1D



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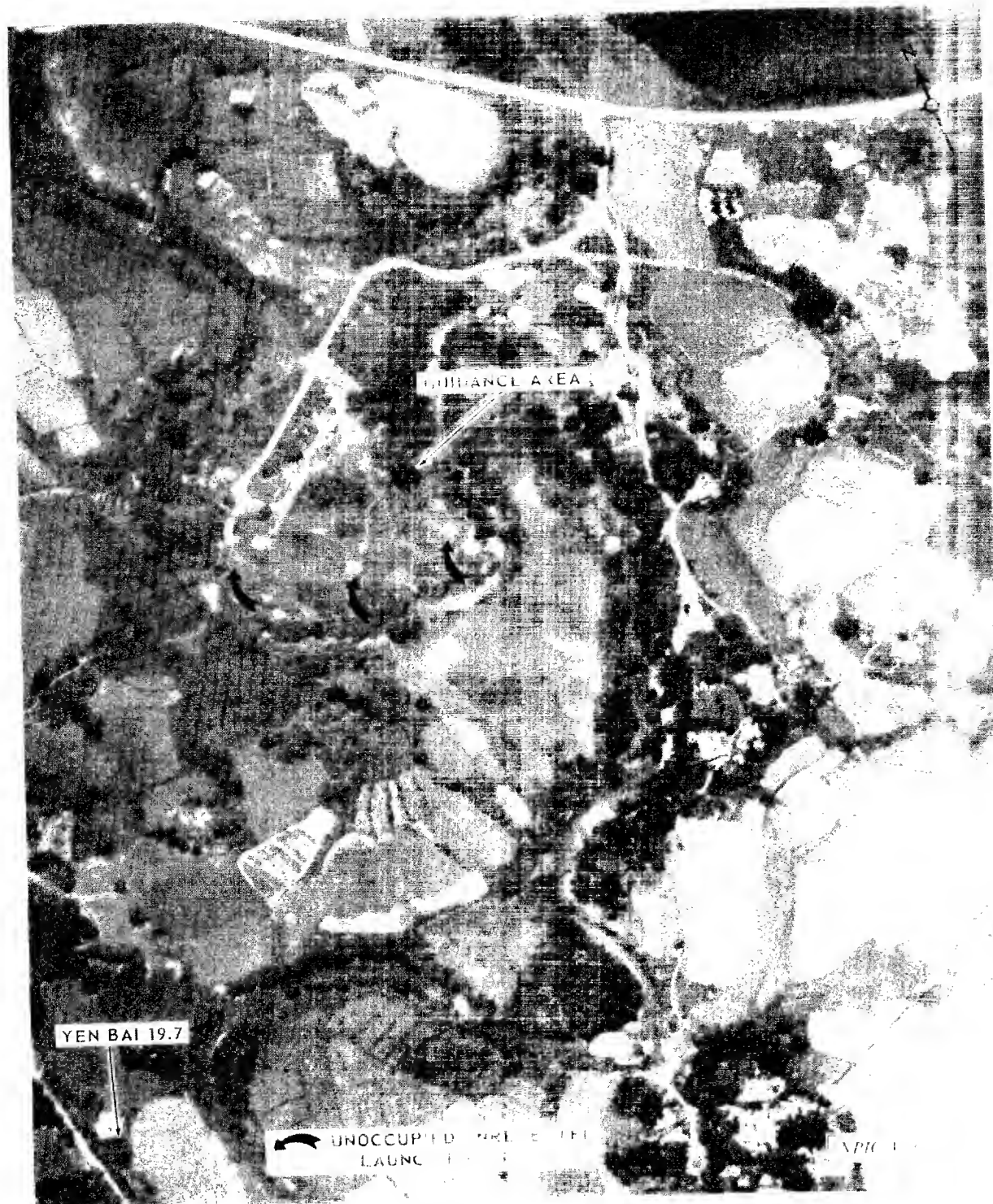
Attachments

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YEN BAI 19.6 NM









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